

INTERNATIONAL SEARCH REPORT

International Application No
PC/182005/002607

A. CLASSIFICATION OF SUBJECT MATTER
F01N3/32 F02B77/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F01N F02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/011027 A1 (HIROOKA SHIGEMASA ET AL) 22 January 2004 (2004-01-22) paragraph '0072! - paragraph '0111!; figures 8-13	1,5,11
A		2-4,6-9
Y	PATENT ABSTRACTS OF JAPAN vol. 017, no. 603 (M-1505), 5 November 1993 (1993-11-05) & JP 05 179936 A (TOYOTA MOTOR CORP), 20 July 1993 (1993-07-20) abstract; figures	1,5,11
A	US 2004/107693 A1 (BAYERLE KLAUS ET AL) 10 June 2004 (2004-06-10) the whole document	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

1 December 2005

Date of mailing of the international search report

08/12/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 016, no. 119 (M-1225), 25 March 1992 (1992-03-25) & JP 03 286121 A (MAZDA MOTOR CORP), 17 December 1991 (1991-12-17) abstract; figures -----</p>	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004011027 A1	22-01-2004	JP 2004011585 A	15-01-2004
JP 05179936 A	20-07-1993	JP 2797802 B2	17-09-1998
US 2004107693 A1	10-06-2004	DE 10249421 A1	13-05-2004
JP 03286121 A	17-12-1991	JP 2903243 B2	07-06-1999